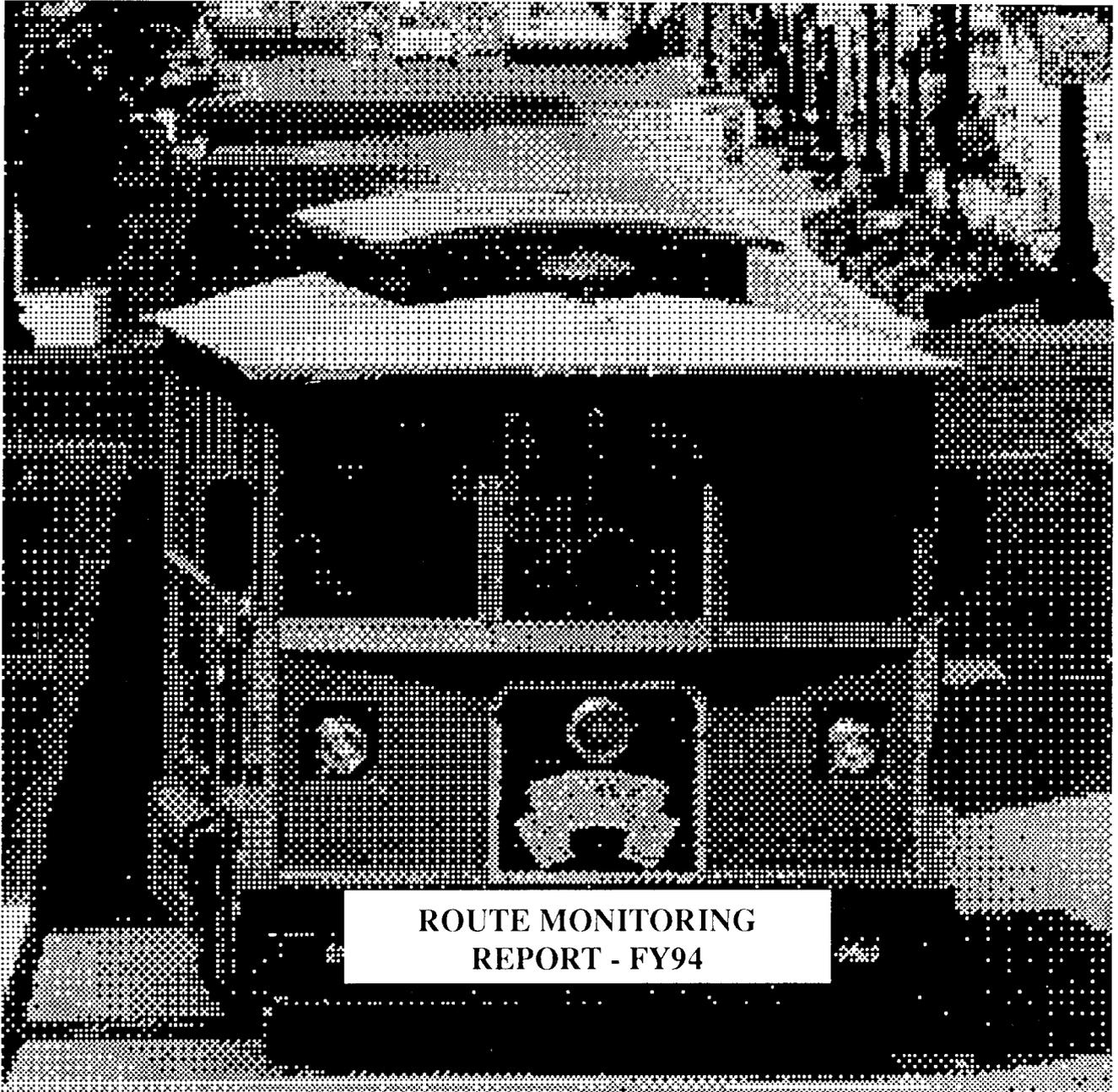


# TRANSIT AUTHORITY OF RIVER CITY

PRESENTS THE



**ROUTE MONITORING  
REPORT - FY94**

Prepared by:

Research Department

# ROUTE MONITORING PROGRAM

FY 1994

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TRANSIT AUTHORITY OF RIVER CITY

**ROUTE MONITORING  
PROGRAM  
FY 1994**

Prepared by:  
TARC  
Research Dept.

December 1994

## INTRODUCTION

In Fiscal Year 1994, TARC's Research Department completed an on-board ride check of 32 routes (See Exhibit I). This data was collected and compiled to measure the effectiveness and efficiency of TARC Service on a route specific basis. The FY94 study was enlarged to collect data on additional routes, due to anticipated service changes.

Service standards, which provide comparisons of each route within a route category, are established from the data, also, a system wide analysis of schedule adherence is compiled.

## METHODOLOGY

On-board Ride Checks: Through the use of temporary personnel, on-board ride checks were conducted. Research personnel rode every trip (weekdays, Saturday and Sunday) for each route checked, recording the number of passengers boarding and disembarking at each coach stop using hand held MIS computer units. The data was stored for approximately one week then transferred to an IBM compatible computer. At this interval the data was filed by route, trip, block and direction. Check sheets was then compiled on Lotus 1-2-3 where each route and trip were chronologically sequenced and tabulated, presenting an aggregate route profile. Each spreadsheet is stored on diskettes by year and route profile.

EXHIBIT I

ROUTES ANALYZED  
FY 1994

#4	FOURTH STREET
#6	TAYLOR - SIXTH STREET
#11	PORTLAND - SHELBY STREET
#12	TWELFTH STREET
#15	MARKET STREET
#17	BARDSTOWN ROAD
#21	CHESTNUT STREET
#25	OAK STREET
#27	HILL STREET
#29	EASTERN PARKWAY
#31	MIDDLETOWN
#37	FOURTH STREET EXPRESS
#38	SIXTH STREET EXPRESS
#43	POPLAR LEVEL ROAD
#44	ST. REGIS PARK
#46	26TH G.E. EXPRESS
#47	42ND G.E. EXPRESS
#48	FAIRDALE EXPRESS
#51	FOURTH AVENUE CIRCULATOR
#52	MEDICAL CENTER CIRCULATOR
#55	HOUNZ LANE
#56	WATSON/FORD MOTOR/G.E. EXPRESS
#57	DEERING/FORD MOTOR/G.E. EXPRESS
#58	BASHFORD MANOR/OXMOOR
#59	RIVER ROAD
#62	BRECKENRIDGE/SHEPERDSVILLE
#68	PROSPECT EXPRESS
#69	NEW ALBANY EXPRESS
#70	CLARKSVILLE EXPRESS
#71	JEFFERSONVILLE EXPRESS
#73	CHARLESTOWN ROAD EXPRESS
#77	MAIN STREET CIRCULATOR



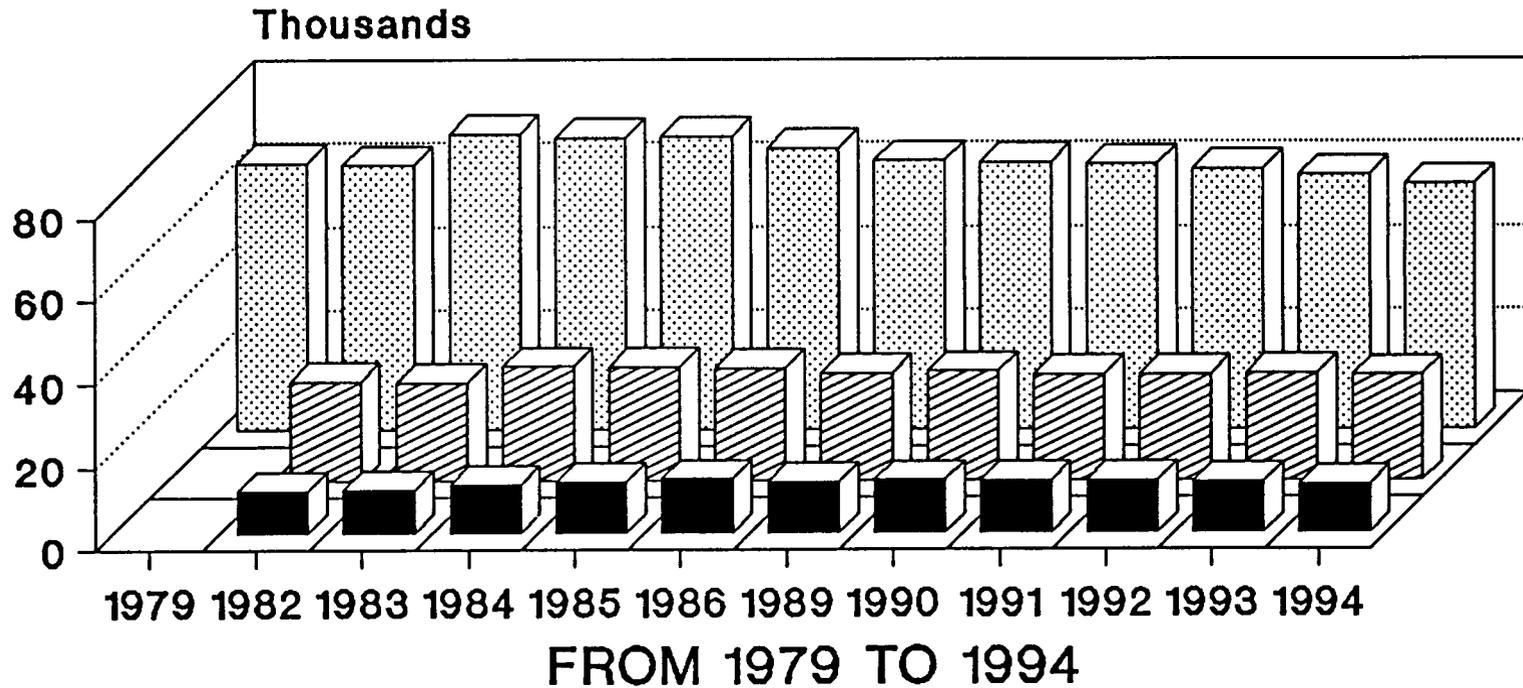


DAY		SUNDAY TOTAL PASSENGER TRIPS											
ROUTE #	ROUTE NAME	1993-1994 +/- % CHANGE	1994	1993	1992	1991	1990	1989	1988	1985	1984	1983	1982
* 2	SECOND STREET	0.00%	227	227	227	227	227	227	210	231	231	185	223
*# 4	FOURTH STREET	24.34%	1359	1093	1093	1093	1093	1093	1439	1327	1327	1178	1061
# 6	SIXTH STREET	0.00%	650	650	650	640	640	640	586	507	507	459	455
# 11	PORTLAND-SHELBY EAST	-1.88%	157	160	160	161	148	120	101	101	110	109	126
# 11	PORTLAND-SHELBY WEST	4.92%	128	122	122	119	236	217	213	213	165	197	149
# 12	TWELFTH STREET	-59.18%	40	98	98	98	93	93	125	70	70	82	121
*# 15	MARKET STREET EAST	-3.15%	307	317	317	370	370	247	285	285	275	215	179
*# 15	MARKET STREET WEST	-51.44%	286	589	589	849	849	466	550	550	490	439	457
# 17	BARDSTOWN ROAD	-11.76%	645	731	731	731	731	771	866	713	713	215	466
* 18	PRESTON-18TH EAST	0.00%	694	694	694	694	694	694	587	587	383	403	339
* 18	PRESTON-18TH WEST	0.00%	1073	1073	1073	1073	1073	1073	1028	1028	821	851	581
19	MUHAMMAD ALI BLVD EAS	0.00%	823	823	823	804	804	804	655	747	747	559	570
19	MUHAMMAD ALI BLVD WEE	0.00%	713	713	713	1142	1142	1142	1306	1332	1332	1265	1178
# 21	CHESTNUT STREET EAST	-25.00%	237	316	316	99	99	99	131	181	181	190	221
# 21	CHESTNUT STREET WEST	-27.78%	195	270	270	483	483	483	407	433	433	596	429
23	BROADWAY EAST	0.00%	977	977	977	977	977	977	901	815	815	829	849
23	BROADWAY WEST	0.00%	1084	1084	1084	1084	1084	1084	1881	1086	1086	1025	1162
*# 25	OAK STREET	0.00%	671	671	671	671	656	656	572	682	682	502	630
# 27	HILL STREET	60.41%	701	437	437	437	643	643	708	769	769	506	459
# 29	EASTERN PARKWAY	-13.28%	418	482	482	341	341	420	310	388	388	370	242
# 31	MIDDLETOWN	-7.97%	277	301	334	334	334	304	171	162	162	167	151
40	JEFFERSONTOWN	0.00%	244	244	244	250	250	250	195	195	195	174	143
SYSTEM TOTALS		-1.38%	11,906	12,072	12,105	12,677	12,967	12,503	13,227	12,402	11,882	10,516	10,193

# DATA COLLECTED IN FY 1994

\* WHEELCHAIR LIFT COACHES

# RIDERSHIP TREND ANALYSIS



*NO DATA FOR 1979 WEEKEND SERVICE*

## SUMMARY OF FINDINGS

When compared to the total passenger trips compiled during the 1993 Route Monitoring Program, the FY 1994 program registered a decline of 5.38% in weekday levels (see Exhibit II.a.). The Toonerville Trolley was not included in the study.

Saturday and Sunday ridership recorded decreases of -1.96% and -1.38%, respectively (See the Route Monitoring Summary Page for more details.)

## ROUTE PERFORMANCE

In determining the level of performance for each route, the routes are grouped by type of service provided (express, radial, circulator, feeder, crosstown) and service day (Weekday, Sat., Sun.) On all routes, except express routes, the average passengers per hour is computed for each comparison group. For express routes, the average passenger per trip is computed. The passenger per hour/passenger per trip figure for each route is compared to the average passenger per hour/average passenger per trip figure for the appropriate comparison group, thus yielding a like service average.

### EXHIBIT III

#### LIKE SERVICE AVERAGE BENCHMARK

Route	Passengers Per Hour		
	<u>Weekday</u>	<u>Saturday</u>	<u>Sunday</u>
<u>Category</u>			
Radial	28.67	29.52	21.89
Feeder	13.41	12.59	13.63
Crosstown	29.12	23.56	17.26
Circulator	26.78	34.87	-
Express	24.94*	-	-

(\* -passengers per trip)

Levels of acceptable performance and recommended actions have been set as detailed below:

#### RIDERSHIP LEVEL

80% +

#### ACTION TO BE TAKEN

Route is deemed worthy of continuation and no action will be taken.

60% to 79%

Route will be reviewed to determine if there are any segments of service for which corrective action can be taken.

59% or below

Route will be reviewed to determine if there are any segments of service for which corrective action may be taken. Route will then be continued for 6 months and again reviewed. If ridership has not increased, two actions will be considered:

1) If it is judged that service requires minimal resources and provides a special service, then the route may be continued.

2) If it is judged that continuation of service would require significant allocation of the system's resources, and an alternate service is available, then the route should be terminated.

In analyzing data, specific recommendations are based on routes that operate at less than 60% of the like service average (see Exhibit IV.)

**EXHIBIT IV  
ROUTES LESS THAN 59.99% OF LIKE SERVICE AVERAGE**

**WEEKDAY**

<u>Route Number</u>	<u>Route Name</u>	<u>% of Like Service Average</u>
#11	Portland Shelby (East)	16.74%
#11	Portland Shelby (West)	25.61%
#17	Bardstown Road	55.16%
#43	Poplar Level Road	50.05%
#44	St. Regis Park	49.13%
#55	Hounz Lane	29.77%
#56	Watson/Ford Motor/G.E.Express	52.12%
#57	Deering Rd/Ford Motor/G.E Express	16.04%
#65	Bullitt Co/Sheperdsville Express	34.08%
#68	Prospect Express	55.13%
#70	Clarksville Express	56.13%
#73	Charlestown Road Express	53.12%
#77	Main St. Circulator	40.37%

**SATURDAY**

# 2	Second Street	39.87%
#11	Portland Shelby (East)	48.80%
#29	Eastern Parkway	49.30%
#31	Middletown	45.49%
#72	New Albany/Clark/Jeff	54.63%

**SUNDAY**

# 2	Second Street	49.74%
#21	Chestnut Street (East)	56.04%
#21	Chestnut Street (West)	51.99%

PERCENT OF LIKE SERVICE AVERAGE				PERCENT OF LIKE SERVICE AVERAGE					
TYPE OF SERVICE				TYPE OF SERVICE					
		WEEKDAY	SATURDAY	SUNDAY		WEEKDAY	SATURDAY	SUNDAY	
<b>RADIAL ROUTES</b>				<b>CROSSTOWN ROUTES</b>					
02	SECOND STREET	78.86%	39.87%	49.74%	25	OAK STREET	112.86%	109.55%	112.36%
04	FOURTH STREET	160.80%	99.65%	140.10%	27	HILL STREET	138.10%	102.30%	101.54%
06	SIXTH STREET	95.30%	91.57%	84.11%	29	EASTERN PARKWAY	88.61%	49.30%	83.22%
11	PORTLAND--SHELBY EAST	25.67%	48.80%	78.50%	62	BRECKENRIDGE/SHEPHERDSVILLE	38.32%	N/A	N/A
11	PORTLAND--SHELBY WEST	16.77%	60.73%	62.37%	72	NEW ALBANY/CLARKS/JEFF	80.72%	54.63%	N/A
15	MARKET STREET EAST	90.82%	93.18%	66.51%	<b>FEEDER ROUTES</b>				
15	MARKET STREET WEST	119.07%	135.63%	96.91%	12	TWELFTH STREET	150.65%	137.52%	100.00%
17	BARDSTOWN ROAD	57.48%	75.78%	96.66%	22	TWENTY--SECOND STREET	128.95%	140.48%	N/A
18	PRESTON--18TH EAST	109.27%	84.78%	94.80%	59	RIVER ROAD	51.90%	N/A	N/A
18	PRESTON--18TH WEST	90.82%	128.14%	152.55%	58	BASHFORD /OXMOOR	86.84%	75.44%	N/A
19	MUHAMMAD ALI BLVD EAST	100.87%	179.68%	70.41%	<b>CIRCULATOR ROUTES</b>				
19	MUHAMMAD ALI BLVD WEST	136.59%	131.99%	87.77%	51	FOURTH AVE CIRCULATOR	114.73%	154.77%	N/A
21	CHESTNUT STREET EAST	92.77%	63.89%	56.04%	52	MEDICAL CENTER CIRCULATOR	159.88%	93.97%	N/A
21	CHESTNUT STREET WEST	93.10%	80.09%	51.99%	77	MAIN STREET CIRCULATOR	40.37%	N/A	N/A
23	BROADWAY EAST	99.41%	81.18%	146.03%					
23	BROADWAY WEST	222.15%	205.51%	206.21%					
31	MIDDLETOWN	82.82%	45.49%	83.31%					
40	JEFFERSONTOWN	88.78%	74.03%	81.23%					
43	POPLAR LEVEL ROAD	50.05%	99.00%	N/A					
44	ST REGIS PARK	49.62%	N/A	N/A					
55	HOUNZ LANE	29.66%	N/A	N/A					
63	CRUMS LANE	98.46%	78.00%	N/A					
<b>EXPRESS ROUTES</b>									
37	FOURTH STREET EXPRESS	156.36%	N/A	N/A					
38	SIXTH STREET EXPRESS	85.86%	N/A	N/A					
45	OKOLONA EXPRESS	136.93%	N/A	N/A					
46	26TH/G.E. EXPRESS	78.18%	N/A	N/A					
47	42ND/G.E. EXPRESS	64.15%	N/A	N/A					
48	FAIRDALE EXPRESS	74.17%	N/A	N/A					
49	WESTPORT EXPRESS	109.92%	N/A	N/A					
50	DIXIE EXPRESS	151.85%	N/A	N/A					
53	BRECKENRIDGE EXPRESS	111.75%	N/A	N/A					
54	MANSLICK EXPRESS	73.17%	N/A	N/A					
56	WATSON/FORD MOTOR/G.E. EXPRESS	52.12%	N/A	N/A					
57	DEERING/FORD MOTOR/G.E.	16.04%	N/A	N/A					
60	HIGHVIEW EXPRESS	78.18%	N/A	N/A					
61	PLAINVIEW EXPRESS	78.18%	N/A	N/A					
64	OLDHAM CO EXPRESS	102.90%	N/A	N/A					
65	BULLITT CO/SHEPHERDSVILLE	34.08%	N/A	N/A					
66	MT WASHINGTON/SHEP EXPRESS	118.27%	N/A	N/A					
68	PROSPECT EXPRESS	55.13%	N/A	N/A					
69	NEW ALBANY EXPRESS	60.14%	N/A	N/A					
70	CLARKSVILLE EXPRESS	56.13%	N/A	N/A					
71	JEFFERSONVILLE EXPRESS	74.17%	N/A	N/A					
73	CHARLESTOWN ROAD EXPRESS	53.12%	N/A	N/A					

**FY1994 PASSENGER TRIP REPORT**

**ANNUAL HIGHLIGHTS FACTS & FIGURES**

• TOTAL YEARLY PASSENGER TRIPS	_____	16,928,492
• YEARLY WEEKDAY PASSENGER TRIPS	_____	14,963,780
• YEARLY SATURDAY PASSENGER TRIPS	_____	1,321,788
• YEARLY SUNDAY PASSENGER TRIPS	_____	642,924
• TOTAL YEARLY PASSENGER TRIPS DOWN 3.38% FROM 1993		
• YEARLY WEEKDAY PASSENGER TRIPS DOWN 5.30% FROM 1993		
• YEARLY SATURDAY PASSENGER TRIPS DOWN 1.06% FROM 1993		
• YEARLY SUNDAY PASSENGER TRIPS DOWN 1.38% FROM 1993		

• 1982 TOTAL DAILY PASSENGER TRIPS	_____	69,066
• 1983 TOTAL DAILY PASSENGER TRIPS	_____	70,417
• 1984 TOTAL DAILY PASSENGER TRIPS	_____	69,525
• 1985 TOTAL DAILY PASSENGER TRIPS	_____	69,803
• 1986 TOTAL DAILY PASSENGER TRIPS	_____	67,037
• 1989 TOTAL DAILY PASSENGER TRIPS	_____	64,186
• 1990 TOTAL DAILY PASSENGER TRIPS	_____	63,621
• 1991 TOTAL DAILY PASSENGER TRIPS	_____	63,394
• 1992 TOTAL DAILY PASSENGER TRIPS	_____	60,946
• 1993 TOTAL DAILY PASSENGER TRIPS	_____	60,776
• 1994 TOTAL DAILY PASSENGER TRIPS	_____	57,553

**WEEKDAY PASSENGER TRIPS BY TYPE OF SERVICE**

• YEARLY RADIAL SERVICE PASSENGER TRIPS	_____	11,583,000
• YEARLY EXPRESS SERVICE PASSENGER TRIPS	_____	795,340
• YEARLY CROSSTOWN SERVICE PASSENGER TRIPS	_____	1,934,660
• YEARLY FEEDER SERVICE PASSENGER TRIPS	_____	375,440
• YEARLY CIRCULATOR SERVICE PASSENGER TRIPS	_____	275,340
** TOTAL YEARLY WEEKDAY RIDERSHIP		14,963,780

**SATURDAY PASSENGER TRIPS BY TYPE OF SERVICE**

• YEARLY RADIAL SERVICE PASSENGER TRIPS	_____	1,133,548
• YEARLY CROSSTOWN SERVICE PASSENGER TRIPS	_____	127,036
• YEARLY FEEDER SERVICE PASSENGER TRIPS	_____	33,644
• YEARLY CIRCULATOR SERVICE PASSENGER TRIPS	_____	27,560
** TOTAL SATURDAY RIDERSHIP		1,321,788

**SUNDAY PASSENGER TRIPS BY TYPE OF SERVICE**

• YEARLY RADIAL SERVICE PASSENGER TRIPS	_____	544,104
• YEARLY CROSSTOWN SERVICE PASSENGER TRIPS	_____	98,660
• YEARLY FEEDER SERVICE PASSENGER TRIPS	_____	2,160
** TOTAL SUNDAY RIDERSHIP		642,924

**FY1994 TOTAL PASSENGER TRIPS**

16,928,492

**AVERAGE DAILY PASSENGER TRIPS**

• DAILY RADIAL SERVICE PASSENGER TRIPS	_____	44,550
• DAILY EXPRESS SERVICE PASSENGER TRIPS	_____	3,059
• DAILY CROSSTOWN SERVICE PASSENGER TRIPS	_____	7,441
• DAILY FEEDER SERVICE PASSENGER TRIPS	_____	1,444
• DAILY CIRCULATOR SERVICE PASSENGER TRIPS	_____	1,059

** TOTAL DAILY PASSENGER TRIPS		57,553
** AVERAGE SATURDAY PASSENGER TRIPS		25,419
** AVERAGE SUNDAY PASSENGER TRIPS		11,908
*** 1994 COMPOSITE WEEK PASSENGER TRIPS		94,878

\*\*\*\* ANNUAL TOTAL FIGURES BASED ON ROUTE MONITORING RIDING CHECKS – TOTAL FOUND IN TARC MONTHLY STATISTICAL REPORT AND ANNUAL TRANSIT PLAN UPDATE (TPU) DIFFER BECAUSE THEY ARE DERIVED FROM FAREBOX COUNTS.

**TOP FIVE RADIAL ROUTES FOR 1994**

(RANKED BASED UPON NUMBER OF PASSENGER PER VEHICLE HOUR)

1. 23 BROADWAY WEST	63.56
2. 4 FOURTH STREET	48.05
3. 19 MUHAMMAD ALI BLVD WEST	34.07
4. 18 PRESTON – 18TH WEST	35.91
5. 15 MARKET STREET WEST	

**LAST FIVE RADIAL ROUTES FOR 1994**

(RANKED BASED UPON NUMBER OF PASSENGER PER VEHICLE HOUR)

1. 11 PORTLAND – SHELBY WEST	4.60
2. 11 PORTLAND – SHELBY EAST	7.34
3. 55 HOUNZ LANE	8.54
4. 44 ST REGIS PARK	14.09
5. 43 POPLAR LEVEL ROAD	14.23

**TOP FIVE EXPRESS ROUTES FOR 1994**

(RANKED BASED UPON NUMBER OF PASSENGER PER TRIP)

1. 37 FOURTH STREET EXPRESS	39.00
2. 50 DIXIE EXPRESS	37.88
3. 45 OKOLONA EXPRESS	34.15
4. 66 MT WASHINGTON/SHEPEX EXPRESS	29.50
5. 53 BRECKENRIDGE EXPRESS	27.88

**LAST FIVE EXPRESS ROUTES FOR 1994**

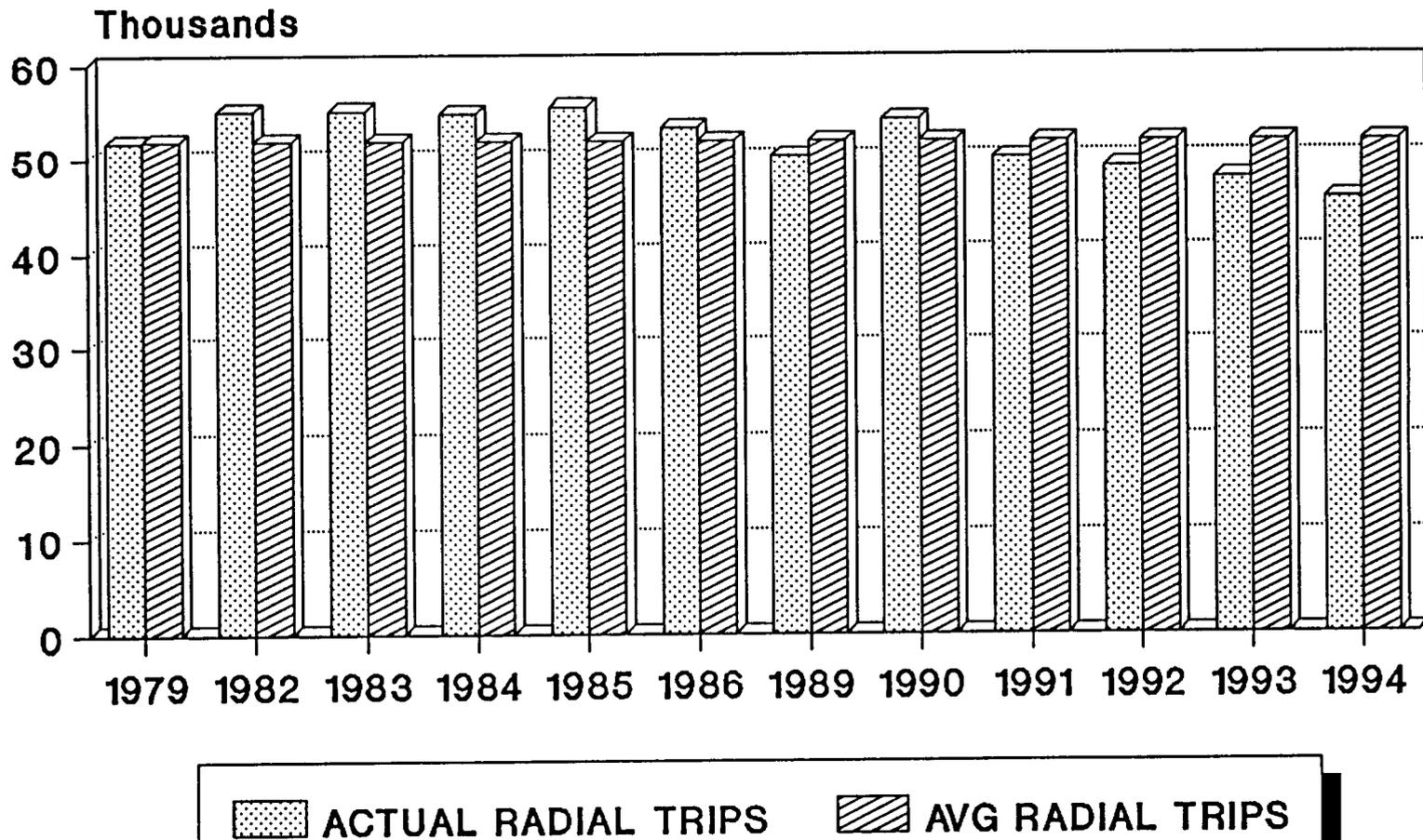
(RANKED BASED UPON NUMBER OF PASSENGER PER TRIP)

1. 57 DEERING/FORD MOTOR/G.E. EXPRESS	4.00
2. 65 BULLITT CO/SHEPHERDSVILLE EXPRESS	8.50
3. 56 WATSON/FORD MOTOR/G.E. EXPRESS	13.00
4. 73 CHARLESTOWN ROAD EXPRESS	13.25
5. 68 PROSPECT EXPRESS	13.75

RADIAL ROUTE ANALYSIS – WEEKDAY

ROUTE #	ROUTE NAME	PSGRS PER		PSGRS PER		COMPOSITE		1994	
		VEH HOUR	RANK	TOTAL MILE	RANK	SCORE	RANK	TOTAL PSGR TRIPS	RANK
* 23	BROADWAY WEST	63.56	1	5.68	1	2	1	4481	2
*# 04	FOURTH STREET	46.05	2	4.10	2	4	2	6653	1
* 19	MUHAMMAD ALI BLVD WEST	39.08	3	3.26	3	6	3	3257	5
* 18	PRESTON-18TH WEST	35.91	4	2.65	5	9	5	3673	4
# 15	MARKET STREET WEST	34.07	5	2.71	4	9	4	1528	11
* 18	PRESTON-18TH EAST	31.27	6	2.31	8	14	8	2724	7
* 19	MUHAMMAD ALI BLVD EAST	28.83	7	2.40	7	14	7	3058	6
* 23	BROADWAY EAST	28.44	8	2.54	6	14	9	4261	3
* 63	CRUMS LANE	28.17	9	1.89	13	22	13	1417	12
# 06	SIXTH STREET	27.39	10	2.03	12	22	12	1707	10
# 21	CHESTNUT STREET WEST	26.64	11	2.30	9	20	9	919	17
# 21	CHESTNUT STREET EAST	26.54	12	2.29	10	22	10	1075	16
# 15	MARKET STREET EAST	25.99	13	2.07	11	24	11	1823	9
40	JEFFERSONTOWN	25.13	14	1.66	15	29	15	1138	14
# # 31	MIDDLETOWN	23.70	15	1.59	16	31	16	1410	13
* 02	SECOND STREET	22.43	16	1.44	17	33	17	1126	15
*# 17	BARDSTOWN ROAD	15.82	17	1.24	18	35	18	2199	8
# 43	POPLAR LEVEL ROAD	14.23	18	0.94	20	38	20	686	18
# 44	ST REGIS PARK	14.09	19	1.04	19	38	19	372	20
# 55	HOUNZ LANE	8.54	20	0.59	22	42	22	499	19
# 11	PORTLAND-SHELBY EAST	7.34	21	1.67	14	35	14	329	21
# 11	PORTLAND-SHELBY WEST	4.80	22	0.93	21	43	21	215	22
<b>SYSTEM TOTALS</b>		<b>28.67</b>		<b>2.34</b>				<b>44,550</b>	
* #	<b>WHEELCHAIR LIFT COACHES</b>								
* #	<b>DATA COLLECTED IN FY 1994</b>								

# ACTUAL RADIAL PSGR TRIPS VS 12 YEAR AVERAGE PSGR TRIPS

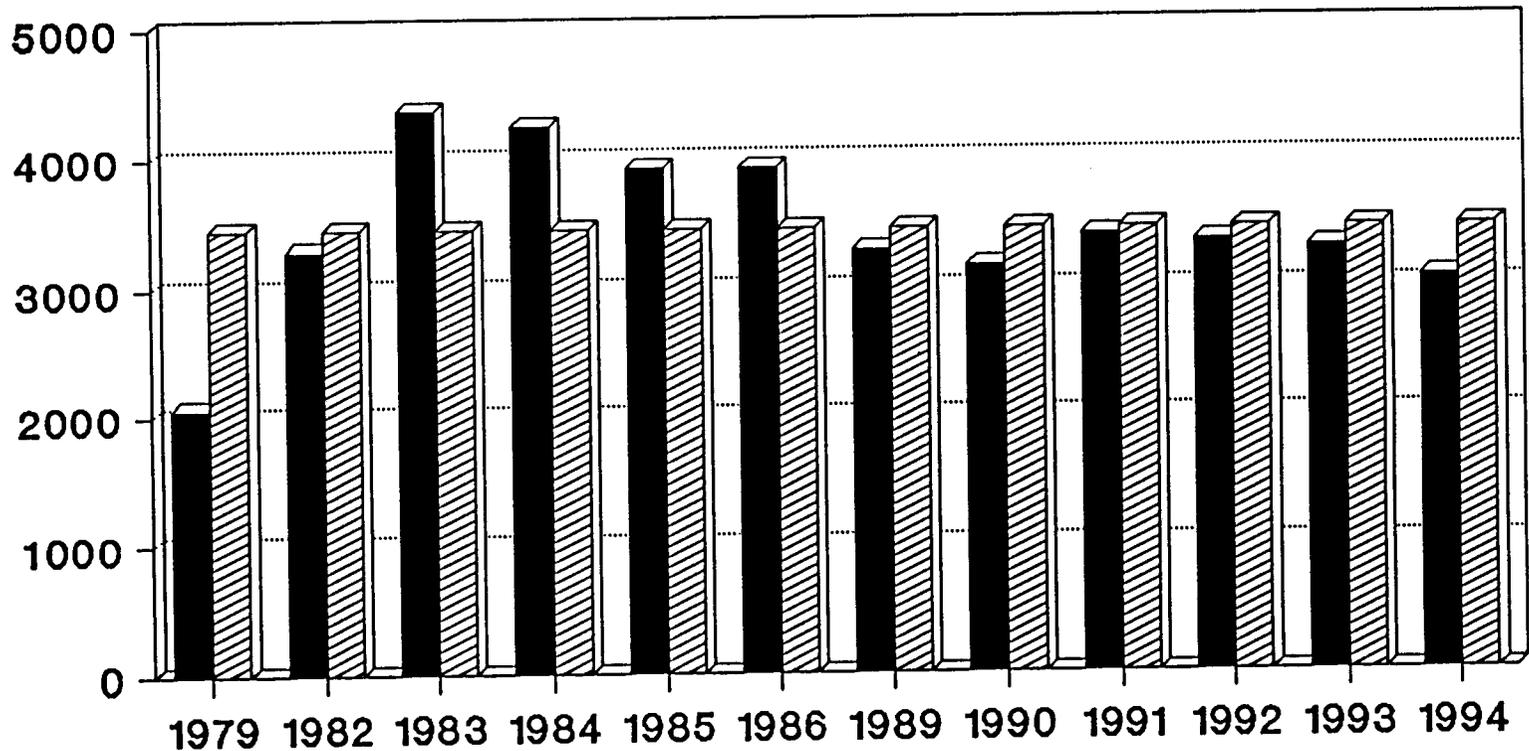


FROM 1979 TO 1994

EXPRESS ROUTE ANALYSIS – WEEKDAY

EXPRESS ROUTE		PSGRS PER TRIP		PSGRS PER VEH HOUR		PSGRS PER TOTAL MILE		COMPOSITE SCORE		1994 TOTAL PSGR TRIPS	
#	ROUTE NAME		RANK		RANK		RANK		RANK		RANK
# 37	FOURTH STREET EXPRESS	39.00	1	24.63	3	1.19	1	5	1	234	5
50	DIXIE EXPRESS	37.88	2	26.70	2	0.84	6	10	3	606	1
45	OKOLONA EXPRESS	34.15	3	24.00	4	1.09	2	9	2	444	2
66	MT WASHINGTON/SHEP EXPRESS	29.50	4	32.78	1	0.52	14	19	5	59	14
53	BRECKENRIDGE EXPRESS	27.88	5	23.98	5	1.00	4	14	4	223	6
49	WESTPORT EXPRESS	27.42	6	21.64	6	0.82	7	19	5	329	3
64	OLDHAM CO EXPRESS	25.67	7	19.74	7	0.44	18	32	11	154	7
# 38	SIXTH STREET EXPRESS	21.42	8	17.02	9	0.90	5	22	7	257	4
# 46	26TH/G.E. EXPRESS	19.50	9	13.00	14	0.58	13	36	14	39	18
61	PLAINVIEW EXPRESS	19.50	9	11.25	16	0.48	16	41	15	117	8
60	HIGHVIEW EXPRESS	19.50	9	15.00	10	0.59	12	31	9	76	9
# 48	FAIRDALE EXPRESS	18.50	12	14.23	11	0.68	11	34	12	67	12
# 71	JEFFERSONVILLE EXPRESS	18.50	12	13.70	12	1.04	3	27	8	74	10
54	MANSLUCK EXPRESS	18.25	14	17.38	8	0.72	9	31	9	73	11
# 47	42ND/G.E. EXPRESS	16.00	15	7.80	20	0.48	17	52	17	32	19
# 69	NEW ALBANY EXPRESS	15.00	16	13.33	13	0.76	8	37	13	60	13
# 70	CLARKSVILLE EXPRESS	14.00	17	10.37	17	0.71	10	44	16	56	15
# 68	PROSPECT EXPRESS	13.75	18	11.46	15	0.41	19	52	17	55	16
# 73	CHARLESTOWN ROAD EXPRESS	13.25	19	8.03	19	0.50	15	53	19	53	17
# 56	WATSON/FORD MOTOR/G.E.	13.00	20	9.63	18	0.27	20	58	20	26	20
65	BULLITT CO/SHEPHERDSVILLE	8.50	21	2.50	21	0.20	21	63	21	17	21
# 57	DEERING/FORD MOTOR/G.E.	4.00	22	1.11	22	0.09	22	66	22	8	22
EXPRESS AVG		24.94		17.49		0.74				3,059	
#	DATA COLLECTED IN FY 1994										

# ACTUAL EXPRESS PSGR TRIPS VS 12 YEAR AVERAGE PSGR TRIPS



■ ACTUAL EXPRESS TRIPS

▨ AVG EXPRESS TRIPS

FROM 1979 TO 1994

CROSTOWN ROUTE ANALYSIS – WEEKDAY

ROUTE #	ROUTE NAME	PSGRS PER		PSGRS PER		COMPOSITE		1994 TOTAL	
		VEH HOUR	RANK	TOTAL MILE	RANK	SCORE	RANK	PSGR TRIPS	RANK
* 27	HILL STREET	29.46	1	2.56	1	2	1	2224	2
25	OAK STREET	24.06	2	1.97	2	4	2	2315	1
29	EASTERN PARKWAY	18.89	3	1.26	4	7	3	1952	3
72	NEW ALBANY/CLARKS/JEFF	17.25	4	1.33	3	7	3	589	4
62	BRECKENRIDGE/SHEPHERDSVILLE	8.17	5	0.41	5	10	5	361	5
SYSTEM TOTALS		29.12		1.99				7,441	
* #	WHEELCHAIR LIFT COACHES DATA COLLECTED IN FY 1994								

FEEDER ROUTE ANALYSIS – WEEKDAY

ROUTE #	ROUTE NAME	PSGRS PER VEH HOUR	RANK	PSGRS PER TOTAL MILE	RANK	COMPOSITE SCORE	RANK	1994 TOTAL PSGR TRIPS	RANK
# 12	TWELFTH STREET	18.06	1	1.92	1	2	1	500	2
22	TWENTY-SECOND STREET	16.46	2	1.54	2	4	2	585	1
59	RIVER ROAD	11.08	3	0.73	3	6	3	43	4
58	BASHFORD /OXMOOR	8.48	4	0.54	4	8	4	316	3
<b>SYSTEM TOTALS</b>		<b>13.41</b>		<b>1.15</b>				<b>1,444</b>	
* #	<b>WHEELCHAIR LIFT COACHES DATA COLLECTED IN FY94</b>								

CIRCULATOR ROUTE ANALYSIS

ROUTE #	ROUTE NAME	PSGRS PER VEH HOUR		PSGRS PER TOTAL MILE		COMPOSITE SCORE		1994 TOTAL PSGR TRIPS	
			RANK		RANK		RANK		RANK
* 52	MEDICAL CENTER CIRCULATOR	34.92	1	5.17	1	2	1	739	1
51	FOURTH AVE CIRCULATOR	26.81	2	2.84	2	4	2	122	3
77	MAIN STREET CIRCULATOR	8.79	3	1.04	3	6	3	198	2
SYSTEM TOTALS		26.78		2.56				1,059	
* #	WHEELCHAIR LIFT COACHES DATA COLLECTED IN FY 1994								

ROUTE #	ROUTE NAME	TOTAL BUSES	AM PEAK BUSES	BASE BUSES	PM PEAK BUSES	NITE BUSES	% OF BUSES AM PEAK	% OF BUSES BASE	% OF BUSES PM	NITE BUSES PM
* 2	SECOND STREET	12	5	2	4	1	41.67%	16.67%	33.33%	8.33%
* 4	FOURTH STREET	37	14	7	13	3	37.84%	18.92%	35.14%	8.11%
# 6	SIXTH STREET	13	5	2	5	1	38.46%	15.38%	38.46%	7.69%
# 11	PORTLAND-SHELBY EAST	10	4	2	3	1	40.00%	20.00%	30.00%	10.00%
# 11	PORTLAND-SHELBY WEST	10	4	2	3	1	40.00%	20.00%	30.00%	10.00%
# 12	TWELFTH STREET	6	2	1	2	1	33.33%	16.67%	33.33%	16.67%
* 15	MARKET STREET EAST	28	11	5	11	1	39.29%	17.86%	39.29%	3.57%
* 15	MARKET STREET WEST	28	11	5	11	1	39.29%	17.86%	39.29%	3.57%
# 17	BARDSTOWN ROAD	34	15	4	14	1	44.12%	11.76%	41.18%	2.94%
* 18	PRESTON-18TH EAST	43	12	10	17	4	27.91%	23.26%	39.53%	9.30%
* 18	PRESTON-18TH WEST	43	12	10	17	4	27.91%	23.26%	39.53%	9.30%
* 19	MUHAMMAD ALI BLVD EAST	43	17	7	15	4	39.53%	16.28%	34.88%	9.30%
* 19	MUHAMMAD ALI BLVD WEST	43	17	7	15	4	39.53%	16.28%	34.88%	9.30%
# 21	CHESTNUT STREET EAST	9	6	3	7	1	66.67%	33.33%	77.78%	11.11%
# 21	CHESTNUT STREET WEST	8	6	3	7	1	75.00%	37.50%	87.50%	12.50%
# 22	TWENTY-SECOND STREET	8	2	3	3	0	25.00%	37.50%	37.50%	0.00%
* 23	BROADWAY EAST	53	21	8	22	2	39.62%	15.09%	41.51%	3.77%
* 23	BROADWAY WEST	53	21	8	22	2	39.62%	15.09%	41.51%	3.77%
* 25	OAK STREET	23	9	4	9	1	39.13%	17.39%	39.13%	4.35%
* 27	HILL STREET	18	8	3	5	2	44.44%	16.67%	27.78%	11.11%
* 29	EASTERN PARKWAY	24	8	6	8	2	33.33%	25.00%	33.33%	8.33%
# 31	MIDDLETOWN	16	7	2	6	1	43.75%	12.50%	37.50%	6.25%
# 37	FOURTH STREET EXPRESS	5	3	0	2	0	60.00%	0.00%	40.00%	0.00%
# 38	SIXTH STREET EXPRESS	6	4	0	2	0	66.67%	0.00%	33.33%	0.00%
40	JEFFERSONTOWN	12	5	2	4	1	41.67%	16.67%	33.33%	8.33%
# 43	POPLAR LEVEL ROAD	12	6	1	5	0	50.00%	8.33%	41.67%	0.00%
# 44	ST REGIS PARK	8	4	1	3	0	50.00%	12.50%	37.50%	0.00%
# 45	OKOLONA EXPRESS	7	6	0	1	0	85.71%	0.00%	14.29%	0.00%
# 46	26TH/G.E. EXPRESS	1	0	0	1	0	0.00%	0.00%	100.00%	0.00%
# 47	42ND/G.E. EXPRESS	1	0	0	1	0	0.00%	0.00%	100.00%	0.00%
# 48	FAIRDALE EXPRESS	3	2	0	1	0	66.67%	0.00%	33.33%	0.00%
49	WESTPORT EXPRESS	7	5	0	2	0	71.43%	0.00%	28.57%	0.00%
50	DIXIE EXPRESS	12	7	0	5	0	58.33%	0.00%	41.67%	0.00%
# 51	FOURTH AVE CIRCULATOR	1	0	1	0	0	0.00%	100.00%	0.00%	0.00%
#* 52	MEDICAL CENTER CIRCULATOR	4	0	4	0	0	0.00%	100.00%	0.00%	0.00%
53	BRECKENRIDGE EXPRESS	6	3	0	3	0	50.00%	0.00%	50.00%	0.00%
54	MANSLICK EXPRESS	3	2	0	1	0	66.67%	0.00%	33.33%	0.00%
# 55	HOUNZ LANE	15	6	2	7	0	40.00%	13.33%	46.67%	0.00%
# 56	WATSON/FORD MOTOR/G.E. EXPRESS	1	0	0	1	0	0.00%	0.00%	100.00%	0.00%
# 57	DEERING/FORD MOTOR/G.E.	1	0	0	1	0	0.00%	0.00%	100.00%	0.00%
# 58	BASHFORD /OXMOOR	9	3	3	3	0	33.33%	33.33%	33.33%	0.00%
# 59	RIVER ROAD	2	1	0	1	0	50.00%	0.00%	50.00%	0.00%
60	HIGHVIEW EXPRESS	3	2	0	1	0	66.67%	0.00%	33.33%	0.00%
61	PLAINVIEW EXPRESS	6	3	0	3	0	50.00%	0.00%	50.00%	0.00%
# 62	BRECKENRIDGE/SHEPHERDSVILLE	10	5	0	5	0	50.00%	0.00%	50.00%	0.00%
* 63	CRUMS LANE	10	4	2	4	0	40.00%	20.00%	40.00%	0.00%
64	OLDHAM CO EXPRESS	4	3	0	1	0	75.00%	0.00%	25.00%	0.00%
65	BULLITT CO/SHEPHERDSVILLE	2	1	0	1	0	50.00%	0.00%	50.00%	0.00%
# 66	MT WASHINGTON/SHEP EXPRESS	1	1	0	0	0	100.00%	0.00%	0.00%	0.00%
# 68	PROSPECT EXPRESS	3	2	0	1	0	66.67%	0.00%	33.33%	0.00%
# 69	NEW ALBANY EXPRESS	4	2	0	2	0	50.00%	0.00%	50.00%	0.00%
# 70	CLARKSVILLE EXPRESS	4	2	0	2	0	50.00%	0.00%	50.00%	0.00%
# 71	JEFFERSONVILLE EXPRESS	4	2	0	2	0	50.00%	0.00%	50.00%	0.00%
* 72	NEW ALBANY/CLARKS/JEFF	8	2	2	2	2	25.00%	25.00%	25.00%	25.00%
# 73	CHARLESTOWN ROAD EXPRESS	4	2	0	2	0	50.00%	0.00%	50.00%	0.00%
# 77	MAIN STREET CIRCULATOR	6	2	2	2	0	33.33%	33.33%	33.33%	0.00%



SATURDAY

ROUTE #	ROUTE NAME	TOTAL VEH HOURS	PSGRS PER VEH HOUR	TOTAL MILES	PSGRS PER TOTAL MILE	WKDY HOURS OF SERVICE
* 2	SECOND STREET	34.20	11.84	388	1.044	4:47AM - 12:39 AM
* 4	FOURTH STREET	104.60	29.60	1149	2.695	4:29AM - 2:36AM
6	SIXTH STREET	35.00	27.20	473	2.013	5:04AM - 12:41AM
# 11	PORTLAND-SHELBY EAST	15.80	14.49	153.5	1.492	4:43AM - 10:32PM
# 11	PORTLAND-SHELBY WEST	15.80	18.04	153.5	1.857	4:43AM - 10:32PM
# 12	TWELFTH STREET	11.80	18.05	124	1.718	6:12AM - 5:58PM
*# 15	MARKET STREET EAST	29.16	27.68	350.14	2.305	5:05AM - 1:04AM
*# 15	MARKET STREET WEST	18.64	40.29	223.86	3.355	5:05AM - 1:04AM
*# 17	BARDSTOWN ROAD	61.00	21.30	897	1.448	4:39AM - 10:32PM
* 18	PRESTON-18TH EAST	53.65	25.18	770.61	1.753	4:50AM - 1:12AM
* 18	PRESTON-18TH WEST	51.55	38.06	740.39	2.650	4:50AM - 1:12AM
* 19	MUHAMMAD ALI BLVD EAST	38.88	53.37	482.85	4.297	4:38AM - 1:41AM
* 19	MUHAMMAD ALI BLVD WEST	47.52	39.20	590.15	3.157	4:38AM - 1:41AM
21	CHESTNUT STREET EAST	18.44	18.98	218.36	1.603	5:00AM - 12:54AM
21	CHESTNUT STREET WEST	16.36	23.78	193.64	2.009	5:00AM - 12:54AM
# 22	TWENTY-SECOND STREET	12.30	16.10	136	1.456	6:57AM - 7:05PM
* 23	BROADWAY EAST	67.15	24.11	811.85	1.994	4:01AM - 2:08AM
* 23	BROADWAY WEST	36.15	61.04	437.15	5.049	4:01AM - 2:08AM
*# 25	OAK STREET	34.60	25.81	499	1.790	5:20AM - 12:51AM
# 27	HILL STREET	40.00	24.10	477	2.021	4:36AM - 12:42AM
# 29	EASTERN PARKWAY	29.10	11.62	467	0.724	5:14AM - 7:20PM
# 31	MIDDLETOWN	33.60	13.51	515	0.882	4:54AM - 10:39PM
40	JEFFERSONTOWN	32.20	21.99	506	1.399	5:24AM - 10:25PM
43	POPLAR LEVEL ROAD	10.10	29.41	161	1.845	7:48AM - 6:50PM
51	4TH AVE	7.70	43.25	67	4.970	9:30AM - 4:56PM
* 52	MEDICAL CIRCULAR	7.50	26.27	59	3.339	9:30AM - 4:49PM
58	BASHFORD /OXMOOR	27.30	8.64	322	0.733	8:29AM - 8:30PM
* 63	CRUMS LANE	27.00	23.19	399	1.569	5:13AM - 7:27PM
*# 72	NEW ALBANY/CLARKS/JEFF	17.6	14.09	242	1.025	9:48AM - 6:44PM

SUNDAY

ROUTE #	ROUTE NAME	TOTAL VEH HOURS	PSGRS PER VEH HOUR	TOTAL MILES	PSGRS PER TOTAL MILE	WKDY HOURS OF SERVICE
* 2	SECOND STREET	19.90	11.41	222.00	1.02	4:45AM - 12:32AM
*# 4	FOURTH STREET	42.30	25.84	531.00	2.06	4:29AM - 2:36AM
6	SIXTH STREET	33.70	19.29	425.00	1.53	4:35AM - 12:41AM
# 11	PORTLAND-SHELBY EAST	8.95	17.88	98.50	1.62	5:00AM - 10:31PM
# 11	PORTLAND-SHELBY WEST	8.95	13.63	98.50	1.24	5:00AM - 10:31PM
# 12	TWELFTH STREET	8.50	11.53	87.00	1.13	9:31AM - 5:58PM
*# 15	MARKET STREET EAST	20.13	15.75	256.20	1.24	5:33AM - 1:04AM
*# 15	MARKET STREET WEST	12.87	45.77	163.80	3.60	5:33AM - 1:04AM
# 17	BARDSTOWN ROAD	29.10	25.12	496.00	1.47	6:20AM - 9:14PM
* 18	PRESTON-18TH EAST	31.93	21.74	472.77	1.47	5:03AM - 12:40AM
* 18	PRESTON-18TH WEST	30.67	34.98	454.23	2.36	5:03AM - 12:40AM
19	MUHAMMAD ALI BLVD EAS	50.98	16.14	399.43	2.06	4:27AM - 1:41AM
19	MUHAMMAD ALI BLVD WES	35.42	20.13	277.57	2.57	4:27AM - 1:41AM
# 21	CHESTNUT STREET EAST	18.44	17.13	219.95	1.44	5:00AM - 12:54AM
# 21	CHESTNUT STREET WEST	16.36	16.51	195.05	1.38	5:00AM - 12:54AM
23	BROADWAY EAST	29.18	33.49	388.08	2.52	5:07AM - 12:57AM
23	BROADWAY WEST	22.92	47.29	304.92	3.56	5:07AM - 12:57AM
*# 25	OAK STREET	34.60	19.39	499.00	1.34	5:20AM - 12:51AM
# 27	HILL STREET	40.00	10.93	477.00	0.92	4:36AM - 12:42AM
# 29	EASTERN PARKWAY	29.10	16.56	422.00	1.14	5:15AM - 7:40PM
# 31	MIDDLETOWN	14.50	20.76	247.00	1.22	6:56AM - 10:09PM
40	JEFFERSONTOWN	13.10	18.63	203.00	1.20	6:09AM - 6:50PM

## SCHEDULE ADHERENCE

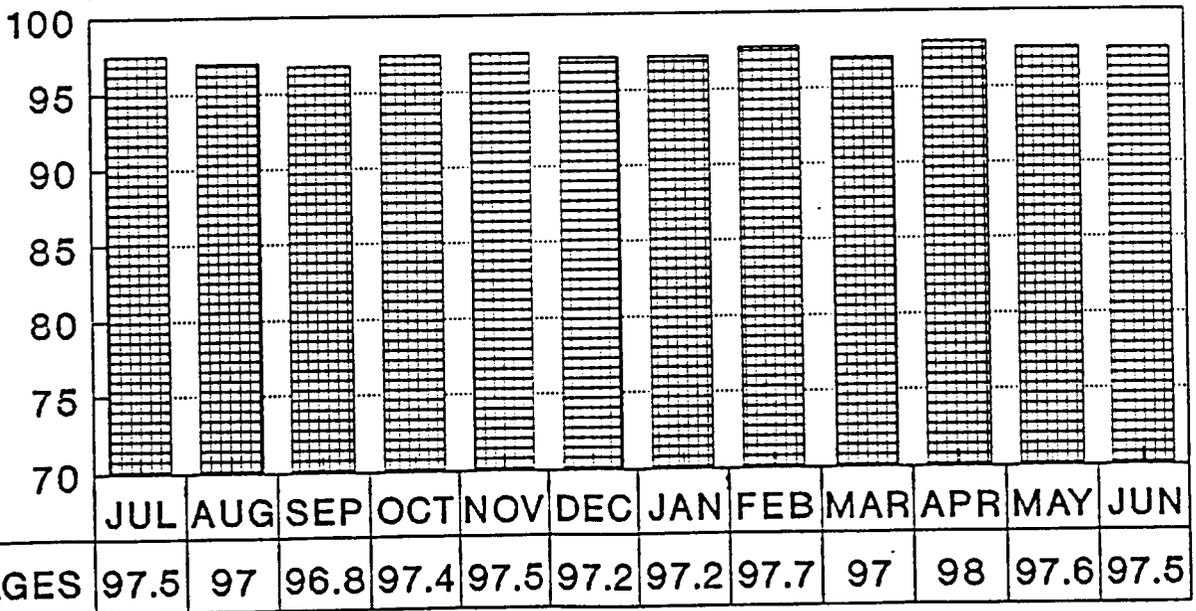
Data for schedule adherence (on-time performance) was gathered by Transportation Department personnel and then analyzed by the Research Department. TARC's Service Standards established acceptable levels of schedule adherence. The stated goal is as follows:

On each route, 90% of all trips (peak hours and off-peak hours) must be on time. On time is defined as 0 minutes early to 5 minutes late.

Graph E shows the monthly percentage of trips on time for FY 1994.

# SCHEDULE ADHERENCE FROM JULY 1993 TO JUNE 1994

## PERCENTAGES



GOAL: 95% 0 MIN.EARLY TO 5 MIN.LATE

 PERCENTAGES

